ABSTRACT

A system and methodology for asynchronous code refactoring with symbol injection is described. In one embodiment, for example, a method is described for refactoring a plurality of interdependent software modules that reside in separate projects, the method comprises steps of: in response to a change that affects a particular symbol of a software module that resides in a first project, refactoring the software module of the first project to propagate the change to all instances of the particular symbol in the software module; during the refactoring of the software module of the first project, recording meta data about the refactoring that is required to effect the change; and automatically propagating the change to a dependent software module residing in a second project, by refactoring the dependent software module based on the recorded meta data about the refactoring that occurred to the software module of the first project.